



THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kiichiro SAKASHITA et al.

SERIAL NO.: 09/696,947

GROUP: 3641

FILED: October 27, 2000

EXAMINER: KEITH, Jack W.

FOR: AN ABSORBING ROD, AN APPARATUS FOR INSERTING THE
ABSORBING ROD, A CASK, AND A METHOD OF STORING SPENT FUEL
ASSEMBLIES

AMENDMENT

ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

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2-11-03
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JAN 29 2003

GROUP 3600

SIR:

In response to the Office Action dated December 26, 2002, please amend the
above-identified application, without prejudice, as follows:

IN THE SPECIFICATION

Please amend paragraph, page 16, beginning at line 8 as follows:

β
Further, any material having a property to absorb the neutrons may be used
instead of boron or boron compound. That is, Cd, Hf, or rare earth elements
having a bigger neutron absorbing cross section may be used. For example, boron
or boron compound are used in case of BWR, however, Ag-In-Cd compound are
used in case of PWR. In the Ag-In-Cd compound, it is general that In is 15
weight present and Cd is 5 weight present. Further, carbides such as Eu, Sm, Gd
may be used.

Please amend paragraph, page 25, beginning at line 6 as follows:

β 2
cont
On the suspension plate 60, an optical fiber 71 is wound through a take-up unit
73 corresponding to the vertical motion of the lower end plate 62. The optical

Docket No. 198801US3

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ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-up Copy; Attachment A (4 pages)

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The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	2	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of \$0.00 is attached.

☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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